

ABSTRACT

A system and method are provided for reading at least one optical code, including an omnidirectional optical code scanner system for illuminating, scanning and decoding

5 at least one optical code within a field of view of the scanning system and oriented in an orientation included in a set of multiple orientations. The scanner system includes an actuator assembly having circuitry for providing for user selection of a mode selected from the group of modes consisting of: an omnidirectional mode for performing a read operation for reading an optical code oriented in any orientation included in the set of

10 multiple orientations, a restricted omnidirectional mode for performing a read operation for reading the optical code when oriented only in an orientation of a reduced set of the set of multiple orientations; and an aim mode for illuminating a target object and disrupting a corresponding read operation; and circuitry for generating a signal indicative of the mode selection. The scanner system further includes at least one processor for

15 operating the scanning system in the selected mode in accordance with the signal indicative of the mode selection.